



June 14, 2018

VIA ELECTRONIC FILING

The Honorable Jocelyn G. Boyd
Chief Clerk / Administrator
Public Service Commission of South Carolina
101 Executive Center Drive, Suite 100
Columbia, SC 29210

Re: Duke Energy Carolinas, LLC's Request for Approval of Unmetered Service
Rider US; Docket No. 2018-_____-E

Dear Ms. Boyd:

Duke Energy Carolinas, LLC ("DEC" or the "Company") requests approval from the Public Service Commission of South Carolina ("Commission") of Unmetered Service Rider US ("Rider US"), a new tariff to provide unmetered service to customers with electrical requirements of 100 watts or less, where metered service is deemed to be either impractical or uneconomical. DEC also requests waiver of the requirements of Commission Rule 103-339(2), which concerns bill forms, since it is not possible to render meter readings on a customer's bill when service is provided on an unmetered basis. The Commission previously approved an unmetered service rider proposed by Progress Energy Carolinas, Inc.¹

The Company has received numerous requests from customers seeking to install low-wattage electrical equipment, such as wireless internet equipment and cameras, on Company-owned lighting poles and posts. This type of equipment requires minimal electrical support and no more than 100 watts of electricity. Rider US would only apply to equipment located on lighting poles that can easily accommodate this type of service and where the provision of metered service is typically difficult to provide. Rider US includes an energy charge based upon estimated monthly usage within three distinct wattage ranges. The applicable wattage range shall be designated by the Company and customer at the time of installation. Unmetered service in this situation benefits both DEC and the customer, as DEC avoids the cost of installing a meter while the customer's equipment can be installed at a lower cost.

As reflected in Rider US, the monthly bill for service under the tariff is linked to the already-approved rates contained in Small General Service Schedule SGS. Under

¹ In re: *Application of Progress Energy Carolinas, Inc. for Approval of Unmetered Service Rider US-4*, Order No. 2009-399, Docket No. 2009-192-E (June 23, 2009).



Rider US, the customer would pay the SGS Basic Facilities Charge, plus a charge for monthly estimated usage at the SGS energy rate applicable to the first 3,000 kilowatt-hours ("kWh") of usage and all other charges applicable to Schedule SGS. This approach offers these customers the same pricing as other similarly situated small-use customers with metered service, while reducing the Company's cost of rendering service by avoiding metering-related costs. To account for this cost saving, the Company proposes to reduce the estimated monthly usage for each wattage range by 4 kWh per month. Customers may request metered service for smaller installations if they deem it to be advantageous.

A copy of the proposed Rider US is attached hereto. Please do not hesitate to contact me if you have any questions or need additional information.

Kind regards,

Samuel J. Wellborn

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Enclosure

cc w/enc: Jeffrey M. Nelson, Chief Counsel, Director-Legal Services (via email)
Heather Shirley Smith, Deputy General Counsel (via email)
Rebecca J. Dulin, Senior Counsel (via email)